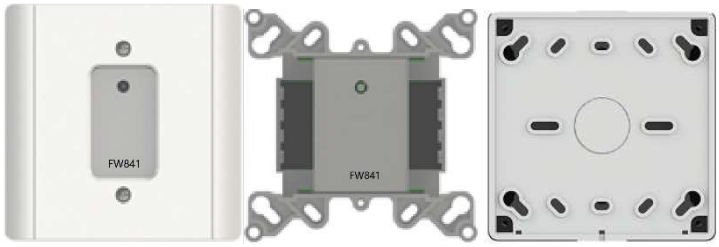
Maple Armor



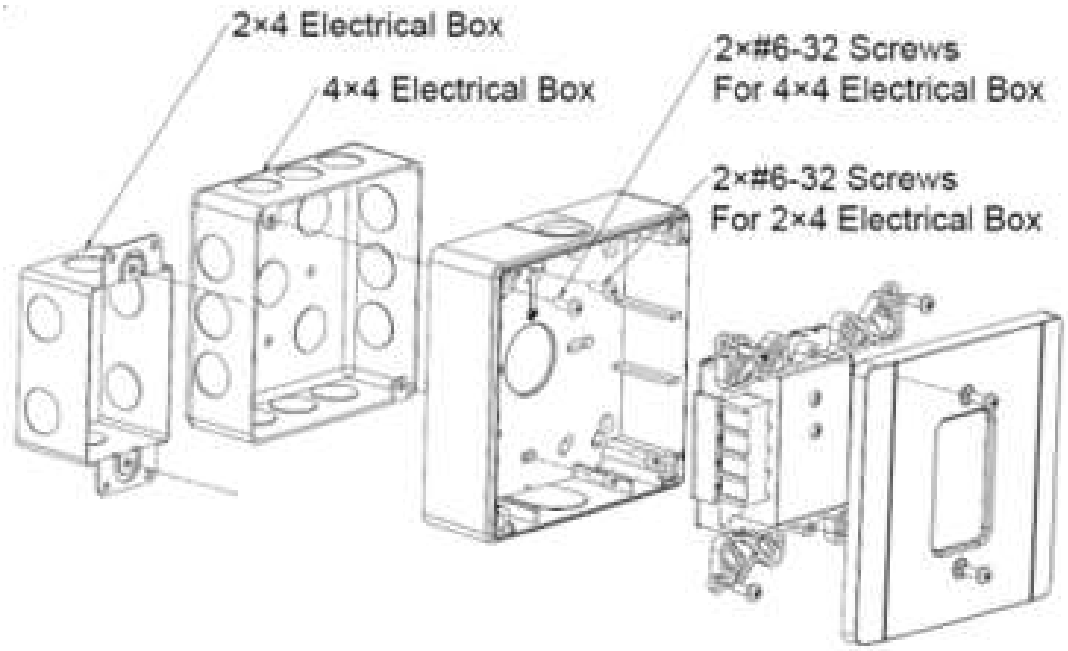
Conventional Zone Module

FW841

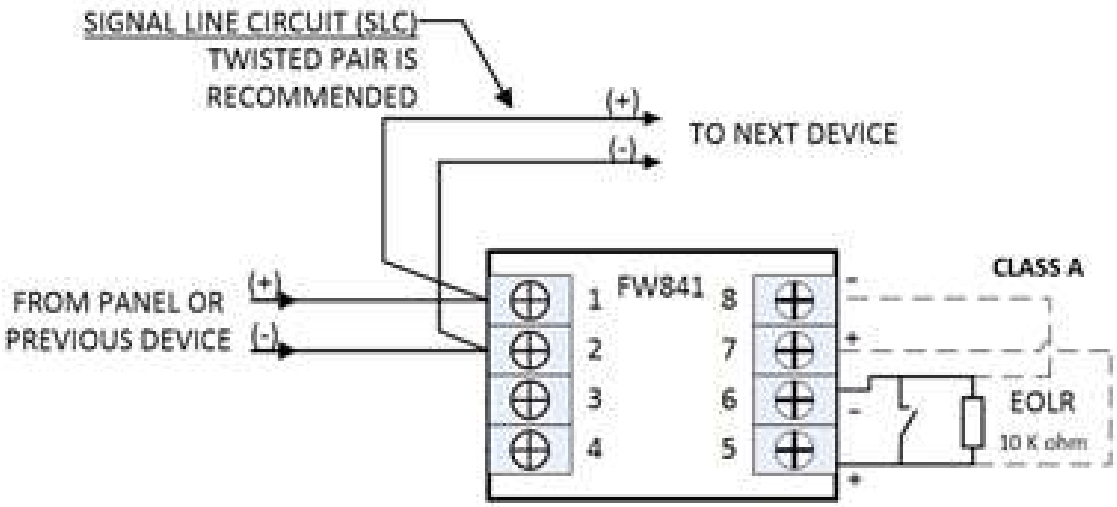
DESCRIPTION

The FW841 conventional zone module is intended to allow Maple Armor intelligent fire alarm control panels to interface and monitor 2-wire CLASS A/B conventional detectors in retrofit or other applications.

The initiating zone can support a mix of 2-wire conventional automatic detectors as well as normally open dry contact alarm initiating devices such as conventional heat detectors and manual stations. Alarm Verification is not permitted when 2-wire detectors are mixed with dry contact alarm initiating devices on the IDC. Alarm Verification is permitted when only compatible smoke detectors are connected to the IDC.



Maple Armor Fire Alarm Device Co. LTD. 8866 Boulevard Du Quartier, Brossard, QQ J4Y 0R2 maplearmor.com



INSTALLATIO

The SLC can only accommodate a max. 7 FW841, each FW841 count for 35 unit loads.

SPECIFICATION

SLC Nominal Voltage	24 VDC
SLC Voltage Range	20 to 28 VDC
SLC Standby Current	15 mA
SLC Active Current	33 mA
Max. IDC Line Impedance	20 Ω
Max. Impedance for Grounding	6.6 KΩ
Max. rated operating voltage range	14.7 – 25.1V
Max. alarm current	32.7 mA
Max. ripple voltage	300 mV
Max. capacitance loading	1.1 uF
Min. Normal Standby impedance	5.97 KΩ

Max. alarm reset voltage	0.2 V
Min. alarm reset time	7 s
Max. alarm verification retard reset time	49 s
Max. detector restart time for alarm verification	11s
Max. smoke detector load	1 mA
Compatible EOLR	4k to 10K Ω (e.g. FW421, FW422)
Operating Temperature	32°F to 120°F (0°C to 49°C)
Operating Humidity	0% to 93% RH
Dimension	120 mm (L) x 120 mm (W) x 45 mm (H)
Wiring Gauge	12 to 18 AWG

ATTENTION

⚠ The products must be installed per the NFPA 72, the CAN/ULC-S524, the CAN/ULCS536, and the Canadian Electrical Code depending on the country of installation. Check information of equipment used in the system by other manufacturers for any guidelines or restrictions.